

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP 03/13126

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/46 H04L9/32 H04N7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/083344 A1 (VAIRAVAN KANNAN P) 27 June 2002 (2002-06-27) figures 1-4 claims 1,12,13 paragraph '0024! - paragraph '0025! paragraph '0055! - paragraph '0064! paragraph '0085! - paragraph '0092! paragraph '0103! - paragraph '0104! -----	1-8
A	WO 02 19651 A (FLATROCK INC) 7 March 2002 (2002-03-07) figure 2 figure 6 figure 7 page 4, line 27 -page 7, line 7 page 13, line 9 -page 14, line 22 page 18, line 15 - line 18 -----	1-8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

28 January 2004

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05/02/2004

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002083344 A1	27-06-2002	AU 3410002 A WO 0250680 A1	01-07-2002 27-06-2002
WO 0219651 A	07-03-2002	US 2002198840 A1 AU 8671701 A WO 0219651 A2	26-12-2002 13-03-2002 07-03-2002